

## EAST Search History

| Ref # | Hits | Search Query   | DBs                               | Default Operator | Plurals | Time Stamp          |
|-------|------|--|-----------------------------------|------------------|---------|---------------------|
| S1    | 20   | positive\$3 near4 (gold or au) near4 nanoparticle                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:02 |
| S2    | 4    | S1 and @ad<"20030229"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:02 |
| S3    | 1655 | positive\$3 near4 (gold or au)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:04 |
| S4    | 691  | S3 and @ad<"20030229"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:04 |
| S5    | 40   | (positive\$3 near4 (gold or au) ) same (raman or nucleic or dna or nucleotide) | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:04 |
| S6    | 15   | S5 and @ad<"20030229"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:04 |
| S7    | 6    | cationic near4 (gold or au) near4 nanoparticle                                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:28 |
| S8    | 0    | S7 and @ad<"20030229"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:29 |
| S9    | 0    | S7 and @ad<"20030229"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:29 |
| S10   | 0    | (quarternary near2 amine) near4 (gold or au) near4 nanoparticle                | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:29 |
| S11   | 2    | (quaternary near2 amine) near4 (gold or au) near4 nanoparticle                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:30 |
| S12   | 0    | S11 and @ad<"20030229"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:30 |
| S13   | 25   | (quaternary near2 amine) near4 (gold or au)                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:30 |
| S14   | 14   | S13 and @ad<"20030229"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:30 |
| S15   | 213  | cationic near4 (gold or au)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR               | ON      | 2009/06/02<br>10:30 |

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| S16 | 103     | S15 and @ad< "20030229"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO                                       | OR | ON | 2009/06/02<br>10:30 |
| S17 | 6309950 | ((quaternary near3 amine)<br>same positive\$3 same<br>charg\$3) and gold and<br>raman @ad< "20030229"          | US-PGPUB;<br>USPAT; USOCR;<br>EPO                                       | OR | ON | 2009/06/02<br>10:40 |
| S18 | 9       | ((quaternary near3 amine)<br>same positive\$3 same<br>charg\$3) and gold and<br>raman and<br>@ad< "20030229"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:40 |
| S19 | 0       | ((quaternary near3 amine)<br>same positive\$3 same<br>charg\$3 same gold same<br>raman) and<br>@ad< "20030229" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:42 |
| S20 | 0       | ((quaternary near3 amine)<br>same positive\$3 same<br>charg\$3 same raman) and<br>@ad< "20030229"              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:43 |
| S21 | 2       | ((quaternary near3 amine)<br>same positive\$3 same<br>charg\$3 same gold) and<br>@ad< "20030229"               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:43 |
| S22 | 1       | ((amine) same positive\$3<br>same charg\$3 same gold<br>same raman) and<br>@ad< "20030229"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:44 |
| S23 | 43      | ((amine) same positive\$3<br>same charg\$3) and gold<br>and raman and<br>@ad< "20030229"                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:45 |
| S24 | 0       | "Nanogold.RTM."  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>10:49 |

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| S25 | 289 | Nanogold                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/02<br>10:49 |
| S26 | 95  | S25 and @ad<"20030229"                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/02<br>10:49 |
| S27 | 1   | Nanogold same amine<br>same positively | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/02<br>10:49 |
| S28 | 64  | Nanogold and amine and<br>positively   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/02<br>10:49 |
| S29 | 45  | S28 and @ad<"20030229"                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/02<br>10:50 |
| S30 | 37  | S29 and raman                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/02<br>10:50 |
| S31 | 1   | ("7238477").PN.                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO                                       | OR | OFF | 2009/06/02<br>11:08 |

6/2/2009 12:21:44 PM